

Disclaimer:

This English translation is produced by machine translation and may contain errors. The JPO, the INPIT, and those who drafted this document in the original language are not responsible for the result of the translation.

Notes:

1. Untranslatable words are replaced with asterisks (***).
2. Texts in the figures are not translated and shown as it is.

Translated: 22:50:01 JST 09/02/2008

Dictionary: Last updated 08/08/2008 / Priority: 1. Medical/Pharmaceutical sciences / 2. Mechanical engineering / 3. Technical term

FULL CONTENTS

[Claim(s)]

[Claim 1] The plastic bag which is a plastic bag which equipped the orifice with the chuck which has a resumption close mechanism, and is characterized by preparing a hand rest hole below said chuck.

[Detailed Description of the Invention]

[0001]

[The technical field to which invention belongs] This invention relates to the plastic bag which enabled it to close an orifice simply so that the goods stored when storing content, such as goods, and displaying at a shop front, or when bringing home may not jump out.

[0002]

[Description of the Prior Art] The thing of the utility model registration No. 3058837 gazette was conventionally proposed as this kind of a plastic bag. This forms the autohesion part 53 which installed the ablation film 52 tentatively to the orifice 51 of the bag 50 like drawing 5 (a). After storing the content 54, such as goods, like drawing 5 (b), it was constituted by stripping said ablation film 52, exposing the autohesion part 53, and comparing an orifice 51 so that it might be filed simply.

[0003]

[Problem to be solved by the invention] However, since the hand rest hole 55 which the bag 50 of the above-mentioned proposal established in the orifice 51 was under surface than said autohesion part 53, When the orifice 51 was filed, the inside of a bag was sealed, and when the content 54 held in this was the thing containing humidity, there is no refuge of humidity, or it is very narrow, is filled with humidity in a bag, and was easy to generate mold etc.

[0004] Moreover, in order for said bag 50 to show the content from an outside part during exhibition, when it produced by a transparent plastic substrate, after filing the orifice 51 in the autohesion part 53, there was also a problem that a base will become cloudy with said humidity immediately. In order to solve this problem, using what uses an antifog film as a transparent plastic substrate, or stuck this antifog film on the inside was also considered, but since the humidity with which it was filled in the bag was unremovable, it did not become sufficient solution.

[0005] This invention is for canceling the above-mentioned problem at once, and it aims at offering the

plastics bag which can miss humidity out of a bag efficiently, making it possible to file an orifice in a bag more simply.

[0006]

[Means for solving problem] In order to attain the above-mentioned purpose, this invention is the plastic bag which equipped the orifice with the chuck which has a resumption close mechanism. It is characterized by preparing a hand rest hole below said chuck, and it constitutes so that a hand rest hole can use as a humidity outlet as it is, even when said orifice is filed.

[0007]

[The mode of implementation of invention] The composition of this invention is hereafter explained based on the mode of the operation shown in drawing 1 - drawing 4 . The application-concerned bag 10 consisted of a product made from plastics, and equips the orifice 11 of this bag 10 with the chuck 12 which has a resumption close mechanism. The hand rest hole 13 is established in this chuck 12 bottom. Therefore, when said chuck 12 is made to occlude and an orifice 11 is plugged up, it will have a mechanism (it becomes the negotiation pore of the open air) as an outlet of the humidity S which the hand rest hole 13 emits from the content 14 like drawing 2 .

[0008] Tape 12a' in which said chuck 12 can occlude like drawing 3 using the elasticity of the raw material of plastics material and which has the concave streak muscle 12a, It consisted of tape 12b' which has the protruding line muscle 12b, and the opposed face of the orifice 11 of the application-concerned bag 10 is pasted by high frequency adhesion or adhesives adhesion, and other means through these tape 12a' and 12b'. In addition, of course, you may obtain the application-concerned bag 10 beforehand using the plastic film which established said concave streak muscle and the protruding line muscle.

[0009] [in the case of the form which is the application-concerned bag 10 and is shown in drawing 1] If the orifice 11 is compared in the shape of joining the palms together, a part of said concave streak muscle 12a and protruding line muscle 12b are piled up and the heavy part is strongly pressed from the outside of an orifice 11 by the thumb and the index finger carrying out in the direction of a muscle in the status that moved the knob position in the direction of a muscle one by one, or it gathered since the concave streak muscle 12a and the protruding line muscle 12b occluded mutually in the gathered part --
***** -- an orifice 11 can be made to seal simply over the whole region by going

[0010] Moreover, if an orifice 11 is held with a both-hands finger and the force a little strong against the occlusion release direction is applied, when making it open wide A part of occlusion to which the concave streak muscle 12a and the protruding line muscle 12b changed into with the elasticity of the raw material, and the force was added will be canceled, and the whole region can be made to open wide simply by few force after that now.

[0011] When said application-concerned bag 10 is the thing of the format which one side of an orifice 11 is extended from another side, turns up the extended piece, and puts in the shape of an envelope like drawing 4 (a), the concave streak muscle 12a and the protruding line muscle 12b will be formed in each field which counters in the status that it covered. Also in this case, achieving the mechanism as an outlet of humidity S which emits from the content 14 has the natural hand rest hole 13 prepared below the binding position like drawing 4 (b).

[0012] Although the hand rest hole 13 established in said chuck 12 bottom has become ellipse-like in the example of drawing, it may be the rectangle and others which made the angle radii. Moreover, the

superior margin 13a and margo inferior 13b of the hand rest hole 13 are connected in the zone part 13c, and it enables it to bear the weight of the content like drawing 4 (a). In this case, it is advantageous at the point which a thing thin and inexpensive as a raw material of the application-concerned bag 10 can use. Moreover, although not illustrated, a reinforcing tape and a reinforcement film may be stuck on the part which forms the hand rest hole 13, or its **** beforehand supposing the bag into which the heavy content is put.

[0013] Next, an operation of the application-concerned bag 10 is explained. First, the orifice 11 of the application-concerned bag 10 is opened greatly, and the content 14, such as goods, is stored.

Subsequently, a chuck 12 is made to occlude by a predetermined procedure, and an orifice 11 is filed.

[0014] [the application-concerned bag 10 with which the content 14 was stored and the orifice 11 was filed in this way] Since said hand rest hole 13 is carrying out the aperture, even if content is the goods containing many shiitake mushroom and other humidity, in order that humidity S may escape through this hand rest hole 13, there is almost no fear of not making it filled with humidity in a bag, and generating mold etc.

[0015] Moreover, even if it produces the application-concerned bag 10 by a transparent plastic substrate, a base becomes cloudy with humidity during goods exhibition, and a possibility that external lay vanity may become there is not less does not have the content, either. Therefore, if the plastics base material which stuck the antifog film or the antifog film on the inside as a transparent plastic substrate is used, ***** can do better status.

[0016] In addition, although the above-mentioned application-concerned bag 10 made the solid bag the example and explained it, it is needless to say that it may be a flat bag or you may be other bags.

[0017]

[Effect of the Invention] Like the above, this invention is the plastic bag which equipped the orifice with the chuck which has a resumption close mechanism. Since it is characterized by preparing a hand rest hole below said chuck Restoration of goods can be simply performed in the status that said chuck was made to open wide, an orifice can be simply filed by occlusion by pressing down with fingers after goods restoration, and even if arrangement which displays goods at a shop front is easy and a bag falls during exhibition, there is no possibility that goods etc. may jump out.

[0018] And since said hand rest hole functions as a humidity outlet even after filing an orifice, not making it filled with humidity in a bag, and not only not making the content generate mold etc. but it does so the outstanding effect of various kinds, such as not dimming a transparent base material with humidity.

[Brief Description of the Drawings]

[Drawing 1] It is a perspective view in the status that the orifice of the application-concerned bag (the 1st example) was opened wide.

[Drawing 2] It is the sectional view showing the status that the orifice of the application-concerned bag (the 1st example) was filed.

[Drawing 3] It is the perspective view of a chuck which has a resumption close mechanism.

[Drawing 4] (a) is a perspective view in the status that the orifice of the application-concerned bag (the 2nd example) was opened wide, and the perspective view showing the status that (b) filed this orifice.

[Drawing 5] With the conventional independence bag, the perspective view showing the status that (a) opened the orifice wide, and (b) are the sectional views showing the status that the orifice was filed.

[Explanations of letters or numerals]

10 Application-Concerned Bag

11 Orifice

12 Chuck

13 Hand Rest Hole

14 Content, Such as Goods

51 Orifice

52 Ablation Film

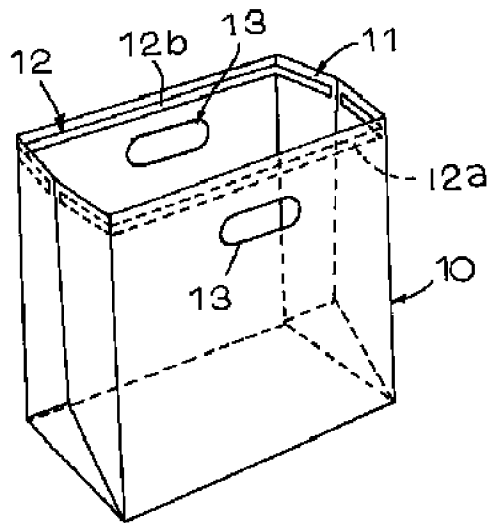
53 Autohesion Part

54 Content, Such as Goods

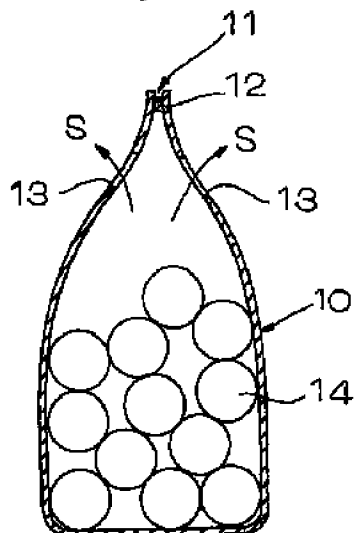
55 Hand Rest Hole

S Humidity

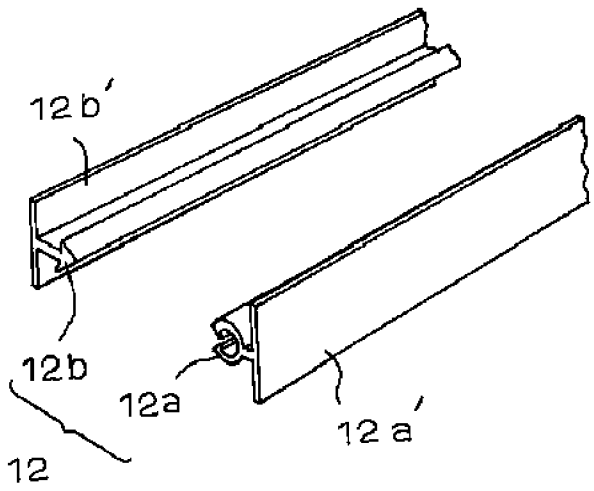
[Drawing 1]



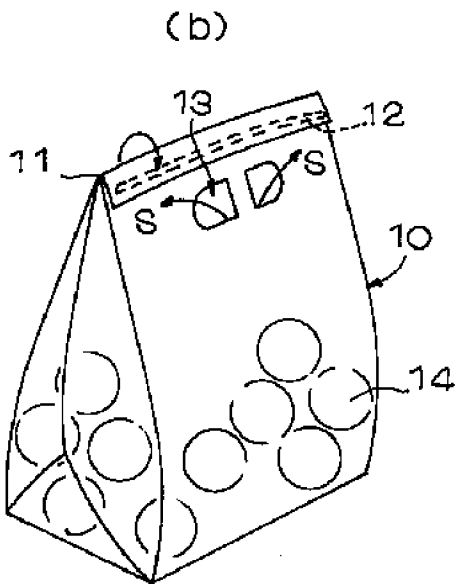
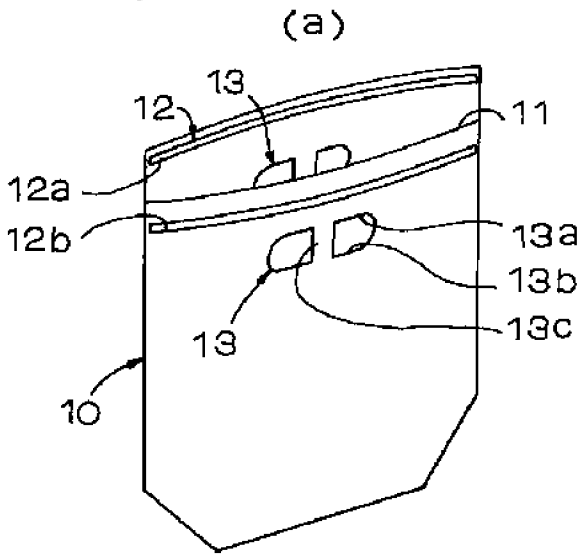
[Drawing 2]



[Drawing 3]

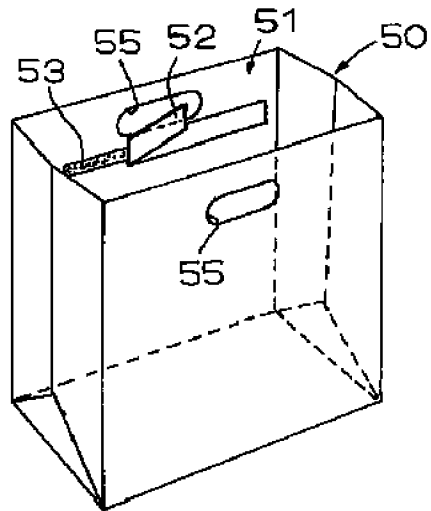


[Drawing 4]

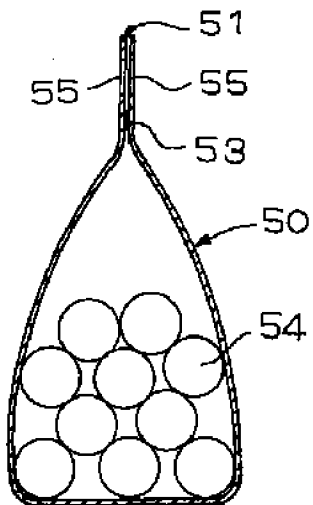


[Drawing 5]

(a)



(b)



[Translation done.]